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Jack Lavin, Director



Small Business... Smart Energy Program

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AT URBANA-CHAMPAIGN

**Working Towards
Smarter Buildings
with the
Smart Energy Design
Assistance Center**

The Illinois Department of Commerce and Economic Opportunity (DCEO) invites you to participate in the Small Business \$mart Energy (SB\$E) Program, which encourages small business owners, design professionals, and building contractors to incorporate renewable energy systems and energy cost reduction practices.



How can SB\$E help your business?

The Small Business \$mart Energy program supports the Smart Energy Design Assistance Center (SEDAC) which is managed by the School of Architecture at the University of Illinois at Urbana-Champaign (UIUC) in partnership with the Geothermal Heat Pump Consortium (GHPC).

SEDAC services include:

- free technical design assistance services for Illinois for-profit business to identify opportunities for saving energy and money
- education and training (for both working professionals and students)
- information on Illinois building energy codes, tax incentives through the 2005 Energy Policy Act, energy rates, and sources of loans and grants
- a network of Energy Service Providers
- an informative website at: www.sedac.org



Together, these activities provide a tremendous opportunity for businesses to significantly reduce energy costs, achieving sizeable environmental benefits and improving the bottom line.

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BOOKSTACKS

What services does SEDAC design assistance offer?

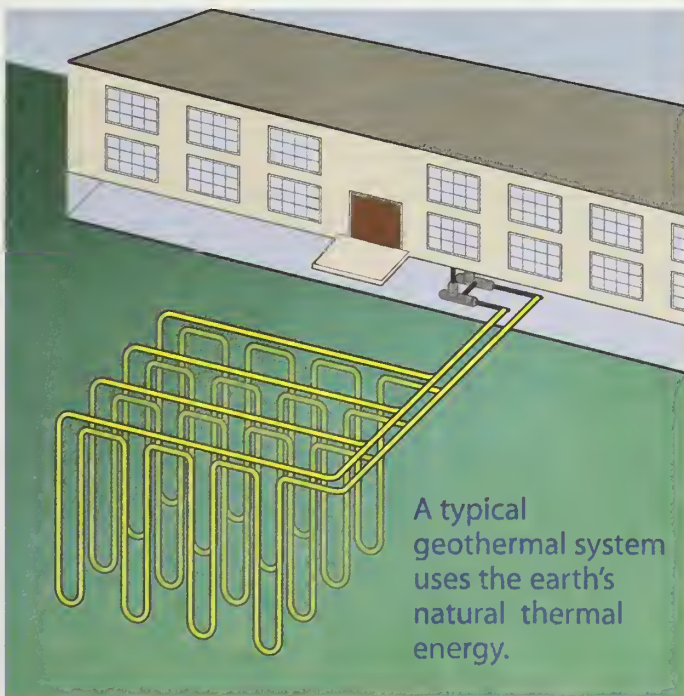
- **Energy Audit:** includes plan review and site visit
- **Utility Bill Analysis:** for existing buildings to determine when and where energy is used
- **Recommendations:** for energy cost reduction strategies
- **Modeling:** estimation of energy costs and savings after implementation
- **Investment Analysis:** Return on investment and life cycle cost presented
- **Implementation Assistance:** vendors, contractors, consultants, information on loans and grants



Working Towards Better Buildings with SEDAC

Architects, engineers and building owners make many decisions regarding the design of a new building or retrofit of an existing building that have implications for construction cost and life cycle energy and maintenance costs. These design decisions can significantly influence a building's performance, especially with current rising energy costs. SEDAC can help you optimize building performance by addressing questions like:

- How much insulation should be placed in the walls or roof?
- What type of windows should be used; standard insulated glass, Low-E, or triple pane?
- What difference would a high reflectance roof make?
- What are the differences in lighting systems?
- What is a geothermal system?



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- What type of heating and cooling system is recommended?
 - Can you verify the energy savings the salesman claims?



Determining the operating and maintenance costs of various design options is not simple. Making a wise decision is difficult because the initial construction cost and life cycle maintenance costs among various design options can often differ dramatically. Analysis of these options during the early stages of design will lead to informed decisions resulting in the design, construction, and operation of a more energy efficient building. SEDAC can provide this assistance for you whether you are a business owner, contractor, architect, or engineer.





Small Business Smart

Company _____

Address _____

City _____

Contact name _____

Phone (____) _____

E-mail _____

Project name _____

Project location _____

City _____ County _____

Construction type: ☐ New ☐ Addition

Number of employees (this location / all locations): _____

Utility costs (existing facilities only): natural gas \$ _____

Electric \$ _____ per year, other (specify) _____

Utility company/companies serving location: _____

Are copies of utility bills available for 12 months? _____

Are preliminary design drawings or as-builts available? _____

Proposed construction start date / completion date _____

Project financing secured? ☐ yes ☐ no

Description of project _____

Referred by: _____

Applicable Design

Architectural firm _____

Phone (____) _____

Mechanical engineering firm _____

Phone (____) _____

Electrical engineering firm _____

Phone (____) _____

Design/build firm _____

Phone (____) _____

For SEDAC services, please fax this completed form to SEDAC at:
Andrea Reiff, 620 E. Adams St., Springfield, IL 62701.

For questions, call Andrea Reiff at 217-785-0164 or the Smart Energy

This form can be accessed electronically at www.sedac.org

Energy Program Application

_____ State _____ Zip _____

_____ Fax (_____) _____

_____ State _____ Zip _____

☐ Renovation Square Footage: _____

_____ / _____

_____ per year

_____ \$ _____ per year

☐ yes

☐ no

☐ yes

☐ no

_____ / _____

Projected project cost \$ _____

Sign Information

_____ Contact name _____

_____ E-mail _____

_____ Contact name _____

_____ E-mail _____

_____ Contact name _____

_____ E-mail _____

_____ Contact name _____

_____ E-mail _____

22-264-2379 (fax) or mail a copy to:

Design Assistance Center at 800-214-7954.

Smart Energy Design Assistance Center (SEDAC)

800-214-7954 • 312-264-2379 (fax)

www.sedac.org

info@sedac.org

DCEO Business Loan and Grant programs

Visit: www.illinoisbiz.biz, Business Assistance link to Business Development

Phone: 877-221-4403 • TDD: 800-875-6055

DCEO Energy and Recycling Technical Assistance and Grant programs

Visit: www.illinoisenergy.org

Small Business Smart Energy Program (SBSE)

Andrea Reiff 217-785-0164

Manufacturing Energy Efficiency Program (MEEP)

Byron Lloyd 217-785-0201

Green Business Building Pilot Program and the Illinois Energy Conservation Code for Commercial Buildings

Greg Lenaghan 217-785-3983

Solar Energy Rebate Program

Bryan Clow 217-785-3420

Energy Performance Contracting Program

John Marley 217-785-2007

Recycling Expansion and Modernization Program

Mike Motor 217-524-0933



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